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United States  
Department of  
Agriculture

Agricultural  
Marketing  
Service

# Plant Variety Protection Office Official Journal

Volume 12, No. 2  
April-June  
1984



## PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office  
Agricultural Marketing Service  
U.S. Department of Agriculture  
National Agricultural Library Bldg., Rm. 500  
Beltsville, MD 20705

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APPLICATIONS RECEIVED  
April 1, 1984, to June 30, 1984

APPLICATIONS FOR PROTECTION HAVE BEEN FILED FOR THE FOLLOWING VARIETIES. EACH APPLICATION HAS BEEN ASSIGNED AN APPLICATION NUMBER AND WILL BE EXAMINED TO DETERMINE WHETHER THE VARIETY IS ENTITLED TO A CERTIFICATE OF PROTECTION. SEED OF THESE VARIETIES MAY BE LABELED "UNAUTHORIZED PROPAGATION PROHIBITED - U.S. VARIETY PROTECTION APPLIED FOR."

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
ALFALFA	84000119	Wrangler	840511	Nebraska A.E.S. & A.R.S., USDA
BARLEY	*	Birka	840402	W. Weibull AB, Sweenen
BEAN, GARDEN	8400076	Tornado	840425	Ferry-Morse Seed Co.
	8400090	Miriad	840425	Ferry-Morse Seed Co.
	8400091	Early Riser	840504	Ferry-Morse Seed Co.
	8400098	Bounty	840521	Ferry-Morse Seed Co.
	8400108	Toga	840523	Ferry-Morse Seed Co.
CORN, FIELD	8400109	Ventura	840612	Ferry-Morse Seed Co.
	8400126	[X-5-11]	840525	The Standard Oil Co.
	8400110	[X-4-21]	840525	The Standard Oil Co.
	8400111	[X-6-7]	840525	The Standard Oil Co.
	8400112	[X-6-10]	840525	The Standard Oil Co.
CELERY	8400113	[X-5-6]	840525	The Standard Oil Co.
CORN, FIELD	8400114	[X-4-5]	840525	The Standard Oil Co.
	8400115	[X-4-4]	840525	The Standard Oil Co.
	8400116	[X-4-2]	840525	The Standard Oil Co.
	8400117	[X-6-3]	840525	The Standard Oil Co.
	8400118	G80	840618	Pioneer Hi-Bred Internat'l, Inc.
COTTON	8400128	Terra SR-10	840418	Terra Seed Company
	8400088	GSC 20	840501	Agri genetics Corporation
	8400101	* Germain's Acala GC-362	840625	Campbell, West, Anderson & Puryear
	*	8400129	840625	Delta & Pine Land Co.
	*	8400130	840625	

\* To be sold by variety name only as a class of certified seed.

[ ] Identifies temporary designations.

( ) No. of generations of certified seed permitted beyond breeder's seed.

APPLICATIONS RECEIVED (CON'T.)  
April 1, 1984, to June 30, 1984

KIND	APPL. NO.	VARIETY	APPL. DATE	NAME OF APPLICANT
GAZANIA SPLENDENS	8400100	Mini-Star Tangerine	840504	Ernst Benary, W. Germany
PEA, GARDEN	8400092	[XP-C122]	840501	Asgrow Seed Co.
	8400093	[XP-C134]	840501	Asgrow Seed Co.
	8400094	[XP-C156]	840501	Asgrow Seed Co.
*	8400103	[XP-C135]	840523	Asgrow Seed Co.
	8400104	[XP-C141]	840523	Asgrow Seed Co.
	8400105	[XP-F149]	840523	Asgrow Seed Co.
	8400106	[XP-F150]	840523	Asgrow Seed Co.
	8400107	[XP-F151]	840523	Asgrow Seed Co.
	8400125	Now	840608	Asgrow Seed Co.
	8400124	Sakura-Wase	840611	Snow Brand Seed Co., Japan
RYEGRASS, ANNUAL				Sharon K. Jones
RYEGRASS, PERENNIAL				Pure-Seed Testing, Inc.
SOYBEAN	8400095	[BT-1]	840614	CR Seeds
	8400127	Cowboy	840405	CR Seeds
	*	Coker 425	840405	CR Seeds
	*	Coker 485	840405	North Carolina Agric. Res. Service
	*	Johnston	840423	Asgrow Seed Co.
	8400095	A6381	840503	Asgrow Seed Co.
	8400096	A6242	840503	Asgrow Seed Co.
	8400097	A5980	840503	Asgrow Seed Co.
	*	Collier	840514	B. B. Collier-Barney A. Smith
	8400099	S23-03	840605	Northrup King Co.
	8400120	S39-93	840605	Northrup King Co.
	8400121	S42-40	840605	Northrup King Co.
	8400122	Centura	840321	Nebraska A.E.S. & A.R.S., USDA
	*	Colt	840321	Nebraska A.E.S. & A.R.S., USDA
	*	SR 49	840514	North American Plant Breeders
	*	8400102		

NOTE: Some applications with a March filing date may appear in this issue of the Journal because a 30 day grace period was allowed to submit additional fees required under a recent interim final rule. The benefit of the filing date on which the otherwise complete applications were received in the office was allowed because no prior notice of the fee increases was given to the applicants. As of April 6, 1984, applications have been filed only when the \$200 filing fee and \$1,600 search fee (Total = \$1,800) accompanied the seed sample and complete application.

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APPLICATIONS AMENDED  
April 1, 1984, to June 30, 1984

<u>KIND</u>	<u>APPL. NO.</u>	<u>VARIETY</u>	<u>APPL. DATE</u>	<u>NAME OF APPLICANT</u>	
PEA	8300133	Stampede	830520	Asgrow Seed Co.	(1)
		Variety with temporary designation of XP-F138 named 'Stampede'.			
SOYBEAN	* 8400069	HT5203	840319	Stanford Seed Co.	(1)
		To be sold by variety name only as a class of certified seed with 1 generation of certified seed permitted beyond breeder's seed.			
SOYBEAN	* 8400070	HT4203	830319	Stanford Seed Co.	(1)
		To be sold by variety name only as a class of certified seed with 1 generation of certified seed permitted beyond breeder's seed.			
WHEAT	8400024	Apex 83	831216	Western Plant Breeders, Inc.	
		Variety name changed from 'Apex' to 'Apex 83'.			

APPLICATIONS ABANDONED, WITHDRAWN, DENIED, OR INELIGIBLE  
April 1, 1984, to June 30, 1984

Applications for the varieties listed below are no longer being considered for U.S. Plant Variety Protection.  
Propagation of these varieties is no longer prohibited by the U.S. Plant Variety Protection Act. Varieties published  
in this list may possibly be protected under the Patent Act.

<u>KIND</u>	<u>APPL. NO.</u>	<u>VARIETY</u>
BEAN, GARDEN	8100043 8200130	Almare Cabretta
CELERY	8300122	Summit
KOCHIA	8300032	Acapulco Silver
ONION	8200015	Day Brothers
SOYBEAN	8200057 8200118	VR 3393 9401
	8200126	DSR-303

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM  
April 1, 1984, and June 30, 1984

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
ALFALFA	8100064	'Advantage'	840430	North American Plant Breeders
		'Advantage' most closely resembles 'Apollo'; however, 'Advantage' is susceptible to biotype H of the spotted alfalfa aphid whereas 'Apollo' has resistance.		
ALFALFA	8100067	'Maverick'	840430	North American Plant Breeders
		'Maverick' is most similar to 'Roamer'; however, 'Maverick' has an insignificant percentage of creeping-rooted plants whereas 'Roamer' is classed as a creeping-rooted alfalfa. Also, 'Maverick' has 27% fewer purple, 15% more variegated, and 6% more yellow flowers than 'Roamer'.		
∞ ALFALFA	8200034	'Spredor 2'	840430	Northrup King Co.
		'Spredor 2' is most similar to 'Spredor'; however, 'Spredor 2' has a significantly higher percentage (typically 30-55%) of creeping-rooted plants 1 year after stand establishment than does 'Spredor' (15-26%).		
BEAN, FIELD	8300040	'Amber'	840629	Rogers Brothers Seed Company
		'Amber' is most similar to 'Ouray Pinto'; however, 'Amber' is resistant to curly top virus whereas 'Ouray Pinto' is susceptible.		
BEAN, FIELD	8300061	'Agate'	840629	Rogers Brothers Seed Company
		'Agate' is most similar to 'Ouray Pinto'; however, plants of 'Agate' are an average of 6 cm taller than plants of 'Ouray Pinto' (43 cm vs 37 cm). Also, 'Agate' shows less ovule abortion under heat stress than does 'Ouray Pinto'.		

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CON'T.)  
 April 1, 1984, and June 30, 1984

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
CORN, FIELD	8300102	'LH145'	840629	Holden's Foundation Seeds, Inc.
		'LH145' most closely resembles 'A632Ht'; however, 'A632Ht' lateral tassel branch angle is 30 to 40 degrees whereas 'A632Ht' lateral tassel branch angle is greater than 45 degrees.		
FESCUE, TALL	8300023	'Mustang'	840629	Pickseed West, Inc.
		'Mustang' most closely resembles 'Olympic'; however, 'Mustang' heads 2-6 days later and has better resistance to netblotch disease (2.0 vs 3.0 rating where 9 = moderate disease) than 'Olympic'.		
LETUCE	8200023	'Centurion'	840430	Quali-Sel, Inc.
		'Centurion' is most similar to 'Amaral 400'; however, 'Centurion' has a larger frame diameter (53 vs 47 cm), a longer core (48 vs 36 mm), and a taller seedstalk (103 vs 94 cm). Also, heads of 'Centurion' matured 2-3 days later than those of 'Amaral 400' in a December planting in Huron, California.		
PEA	8300065	'Opal'	840629	Wilbur-Ellis Co.
		'Opal' is most similar to 'Alsweet'; however, 'Opal' is resistant to powdery mildew whereas 'Alsweet' is susceptible.		
PEA	8300066	'Midget'	840629	Wilbur-Ellis Co.
		'Midget' is most similar to 'Alsweet'; however, 'Midget' plants are shorter (45 vs 71 cm), and peas are smaller (1.86 vs 2.83 sieve size) than 'Alsweet'.		
PEA	8300053	'Valgreen'	840430	Wilbur-Ellis Co.
		'Valgreen' is most similar to 'Dark Skin Perfection'; however, 'Valgreen' is resistant to Fusarium Wilt Races 5 and 6 whereas 'Dark Skin Perfection' is susceptible.		

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CON'T.)  
 April 1, 1984, and June 30, 1984

<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
PEA 8300054	'Aristagreen'	840531	Wilbur-Ellis Co.
	'Aristagreen' is most similar to 'Dark Skin Perfection'; however, 'Aristagreen' pods are borne 3 per peduncle whereas 'Dark Skin Perfection' pods are borne 1 and 2 per peduncle. 'Aristagreen' is resistant to Fusarium Wilt Races 5 and 6 whereas 'Dark Skin Perfection' is susceptible.		
PEA 8300074	'Sunset'	840430	Agrigenetics Corporation
	'Sunset' most closely resembles 'Dane'; however, 'Sunset' matures its peas 3 days later and its peas are larger (3.28 vs 2.86 sieve size) than 'Dane'.		
PEA 8300099	'Honey Pod'	840629	Rogers Brothers Seed Co.
	'Honey Pod' is most similar to 'SugarRae'; however, 'Honey Pod' plants are 8 cm shorter and its leaves and stipules are less elongated than 'SugarRae'.		
RYEGRASS (Lolium X Hybridum) 8000149	'Oregreen'	840531	Pure-Seed Testing, Inc.
	'Oregreen' most closely resembles 'Manhattan'; however, 'Oregreen' is 13 days earlier in heading date than 'Manhattan'. 'Oregreen' is resistant to stem rust whereas 'Manhattan' is susceptible.		
RYEGRASS (Lolium X Hybridum) 8200158	'3CN'	840531	Pure-Seed Testing, Inc.
	'3CN' most closely resembles 'Oregreen'; however, '3CN' is darker blue-green (137B vs 147B RHS), and matures 2 days earlier than 'Oregreen'.		
RYEGRASS, ANNUAL 8200042	'Caramba'	840531	Mommesteeg Int'l. B.V., Netherlands
	'Caramba' is most similar to 'Aubade' but 'Caramba' heads 7 days later, is 6 cm shorter and has a 36 mm longer flag leaf than does 'Aubade'.		

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CON'T.)  
April 1, 1984, and June 30, 1984

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
RYEGRASS, ANNUAL	8200148	'WA-77'	840531	Pure-Seed Testing, Inc.
		'WA-77' most closely resembles 'Gulf'; however, 'WA-77' matures 5 days later, is 22 cm shorter (127 vs 149 cm) and has flag leaves that are 3 mm narrower (5.2 vs 8.2 mm) than 'Gulf'.		
RYEGRASS, ANNUAL	8200179	'Marshall'	840629	Mississippi Agric. For. Expt. Sta.
		'Marshall' most closely resembles 'Gulf'; however, 'Marshall' is 12-15 days later in maturity and is more susceptible to crown rust than 'Gulf'.		
RYEGRASS, ANNUAL	8200021	'Multimo'	840531	Mommersteeg Intl. B.V., Netherlands
		'Multimo' is most similar to 'Tetila' except 'Multimo' plants are shorter (92.8 vs 100.8 cm) and inflorescences are shorter (23.5 vs 26.5 cm) than 'Tetila'.		
RYEGRASS, PERENNIAL	8200941	'Crown'	840531	Mommersteeg Intl. B.V., Netherlands
		'Crown' most closely resembles 'Acclaim' but 'Crown' has a 0.5 mm wider and 14 mm shorter flagleaf than 'Acclaim'.		
RYEGRASS, PERENNIAL	8200154	'Manhattan II'	840531	Pure-Seed Testing, Inc.
		'Manhattan II' is most similar to 'Manhattan'; however, 'Manhattan II' is resistant to stem rust while 'Manhattan' is susceptible. 'Manhattan II' is 13 days earlier and has more tillers (465 vs 309 tillers per 100 cm <sup>2</sup> ) than 'Manhattan'.		
RYEGRASS, PERENNIAL	8200176	'2DF'	840531	Pure-Seed Testing, Inc.
		'2DF' is most similar to 'Pennfine'; however, '2DF' is resistant to stem rust while 'Pennfine' is susceptible. The glume length of '2DF' is 2 mm shorter than 'Pennfine'.		

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CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CON'T.)

April 1, 1984, and June 30, 1984

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
RYEGRASS, PERENNIAL	8200177	'Prelude'	840531	Lofts Seed, Inc.
		'Prelude' most closely resembles 'Citation'; however, anthesis occurs 2-4 days later in 'Prelude' is 5-10 cm taller and has greater resistance to crown rust (1.3 vs 4.1 where 9 flag leaves of 'Prelude' are 2-6 cm longer than those of 'Citation'.		
RYEGRASS, PERENNIAL	8200178	'Palmer'	840531	Lofts Seed, Inc.
		'Palmer' most closely resembles 'Yorktown II'; however, 'Palmer' has greater resistance (9 = most disease) and reaches anthesis 2-3 days earlier than 'Yorktown II'.		
RYEGRASS, PERENNIAL	8300060	'Friend'	840629	Snow Brand Seed
		'Friend' most closely resembles 'Petra' and 'Reveille'; however, 'Friend' heads 8 days earlier than 'Reveille'.		
SOYBEAN	* 8300072	'Sparks'	840430	Kansas Agric. Ex.
		'Sparks' is most similar to 'Union'; however, 'Sparks' seedcoats are dull whereas 'Union' seeds are smaller than 'Union' seeds (16.1 vs 17.3 g/100 seeds).		
SOYBEAN	8300075	'RA-580'	840430	Ring Around Prod.
		'RA-580' most closely resembles 'Hood 75'; however, 'RA-580' is resistant to soybean cyst 'Hood 75' is susceptible. 'RA-580' has imperfect black hilum whereas 'Hood 75' has buff hilum.		
SOYBEAN	8300088	'S14-60'	840629	Northrup King Co.
		'S14-60' is most similar to 'Hodgson', 'S1346', and 'S18-24'. However, 'S14-60' has medium dark brown pods; 'S14-60' has buff hilum whereas 'S1346' has yellow hilum; and 'S14-60' has white flowers.		

CERTIFICATES ISSUED AND NOVELTY BASED ON APPLICANT'S CLAIM (CON'T.)  
 April 1, 1984, and June 30, 1984

<u>CERT. KIND</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>NAME OF OWNER</u>
SOYBEAN	'S30-31'	840430	Northrup King Co.
SOYBEAN	'SRF 205'	840430	Soybean Research Foundation, Inc.
SOYBEAN	'Gutwein 225'	840531	Soybean Research Foundation, Inc.

'S30-31' is most similar to 'Pella', 'Cumberland', and 'Agripro 25'; however, 'S30-31' has grey pubescence vs tawny for 'Pella', yellow hilts vs. imperfect black for 'Cumberland', and white flowers vs purple for 'Agripro 25'.

'SRF 205' most closely resembles 'SRF 150P' and 'SRF 150'; however, 'SRF 205' has tan pods whereas 'SRF 150P' and 'SRF 150' have brown pods.

'Gutwein 225' is most similar to 'SFR 200'; however, 'Gutwein 225' has brown pods whereas 'SFR 200' has tan pods.

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CERTIFICATES AMENDED  
April 1, 1984, to June 30, 1984

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice Under the Plant Variety Protection Act.

<u>KIND</u>	<u>CERT. NO.</u>	<u>VARIETY</u>	<u>ISSUE DATE</u>	<u>APPLICANT</u>
PEANUT	* 7300005	GK-19	760601	Agratech Seeds Inc.
		Name of owner changed from Gold Kist, Inc., to Agratech Seeds Inc.		
PEANUT	* 7300094	GK-3	760601	Agratech Seeds Inc.
		Name of owner changed from Gold Kist, Inc., to Agratech Seeds Inc.		

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CERTIFICATES VOLUNTARILY ABANDONED  
April 1, 1984, to June 30, 1984

In compliance with section 180.104(d) of the Plant Variety Protection Act, certificates of plant variety protection for the varieties listed below are voluntarily abandoned by request of the owner. Propagation of these varieties is no longer prohibited by the Plant Variety Protection Act. Varieties published in this list may possibly be protected under the Patent Act.

<u>KIND</u>	<u>CERTIFICATE NUMBER</u>	<u>VARIETY</u>	<u>DATE OF ABANDONMENT</u>
BEAN, GARDEN	7700060	BEF	840117

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
PLANT VARIETY PROTECTION OFFICE  
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